

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 23, 2003, 21:27:05 : Search time 519 Seconds

(Without alignments)
74.877 Million cell updates/sec

Title: US-09-802-674-4

Perfect score: 1390

Sequence: 1 MASPDGMDKNGPEQWSKL.....MOHNNRPTLPKGRVRSF 261

Scoring table:

BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 556269 seqs, 148893369 residues

Total number of hits satisfying chosen parameters: 556269

Minimum DB seq length: 0
Minimum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database:

Published Applications_AA:
1: /cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubppaa/PCIT_NEW_PUB.pep.*
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15: /cgn2_6/ptodata/1/pubppaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubppaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1390	100.0	261	US-09-802-674-4	Sequence 4, Appli
2	1390	100.0	261	US-09-981-353-90	Sequence 80, Appl
3	1390	100.0	261	US-10-235-994-24	Sequence 24, Appl
4	1390	100.0	263	US-10-106-698-4637	Sequence 4637, Ap
5	1385	99.6	260	US-09-983-000A-26	Sequence 26, Appl
6	1385	99.6	260	US-10-000-954-6	Sequence 4, Appli
7	829.5	59.7	259	US-10-000-954-5	Sequence 5, Appli
8	829.5	59.7	260	US-09-981-353-117	Sequence 117, App
9	829.5	59.7	294	US-09-925-299-945	Sequence 945, App
10	829.5	59.7	294	US-09-925-299-945	Sequence 945, App
11	804	57.8	242	US-10-069-434-1	Sequence 1, Appli
12	774.5	55.6	259	US-09-938-2708-1	Sequence 1, Appli
13	773.5	55.6	259	US-09-983-000A-25	Sequence 25, Appli
14	773.5	55.6	259	US-10-000-954-6	Sequence 6, Appli
15	718	51.7	261	US-10-000-954-9	Sequence 9, Appli

16	512.5	36.9	289	15	US-10-074-475-239	Sequence 239, App
17	420	30.2	88	9	US-09-925-299-1111	Sequence 1111, Ap
18	420	30.2	88	11	US-09-925-299-1111	Sequence 1111, Ap
19	415.5	29.9	337	12	US-10-205-194-49	Sequence 49, Appl
20	380.5	27.4	337	11	US-09-946-374-423	Sequence 423, App
21	380.5	27.4	337	11	US-09-983-000A-27	Sequence 27, Appl
22	380.5	27.4	337	12	US-10-015-387A-423	Sequence 423, App
23	380.5	27.4	337	12	US-10-063-735-74	Sequence 74, Appl
24	380.5	27.4	337	12	US-10-006-130A-423	Sequence 423, App
25	380.5	27.4	337	12	US-10-199-672-268	Sequence 268, App
26	380.5	27.4	337	12	US-10-006-172A-423	Sequence 423, App
27	380.5	27.4	337	12	US-10-187-749-268	Sequence 268, App
28	380.5	27.4	337	12	US-10-194-457-268	Sequence 268, App
29	380.5	27.4	337	12	US-10-184-642-268	Sequence 268, App
30	380.5	27.4	337	12	US-10-196-747-268	Sequence 268, App
31	380.5	27.4	337	12	US-10-015-392A-423	Sequence 423, App
32	380.5	27.4	337	12	US-10-017-253A-423	Sequence 423, App
33	380.5	27.4	337	12	US-10-173-689-268	Sequence 268, App
34	380.5	27.4	337	12	US-10-173-690-268	Sequence 268, App
35	380.5	27.4	337	12	US-10-173-691-268	Sequence 268, App
36	380.5	27.4	337	12	US-10-173-692-268	Sequence 268, App
37	380.5	27.4	337	12	US-10-173-694-268	Sequence 268, App
38	380.5	27.4	337	12	US-10-173-698-268	Sequence 268, App
39	380.5	27.4	337	12	US-10-173-699-268	Sequence 268, App
40	380.5	27.4	337	12	US-10-173-707-268	Sequence 268, App
41	380.5	27.4	337	12	US-10-174-569-268	Sequence 268, App
42	380.5	27.4	337	12	US-10-174-583-268	Sequence 268, App
43	380.5	27.4	337	12	US-10-174-587-268	Sequence 268, App
44	380.5	27.4	337	12	US-10-174-589-268	Sequence 268, App
45	380.5	27.4	337	12	US-10-174-591-268	Sequence 268, App

ALIGNMENTS

RESULT 1									
US-09-802-674-4									
Sequence 4, Application US/09802674									
Patent No. US20020042088A1									
GENERAL INFORMATION:									
APPLICANT: Macina, Roberto A									
APPLICANT: Piderit, Alejandra									
TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and									
TITLE OF INVENTION: Treating Gastrointestinal Cancer									
FILE REFERENCE: DEX-0142									
CURRENT FILING DATE: 2001-03-09									
PRIOR APPLICATION NUMBER: 60/188,061									
PRIOR FILING DATE: 2000-03-09									
NUMBER OF SEQ ID NOS: 13									
SOFTWARE: PatentIn Ver. 2.1									
SEQ ID NO 4									
LENGTH: 261									
TYPE: PRT									
ORGANISM: Homo sapiens									
US-09-802-674-4									
Query Match									
Best Local Similarity 100.0%: Pred. No. 2.8e-138;									
Matches 261: Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	MASPDGMDKNGPEQWSKLPIANGNNSQFVDIKTSEKHDTSLSKPISSYNPATAKEI	60						
DB	1	MASPDGMDKNGPEQWSKLPIANGNNSQFVDIKTSEKHDTSLSKPISSYNPATAKEI	60						
QY	61	INVGSFVNEEDNDNRSLKGPFSDSLRFQFHFHWSSTNEHSGEHTYDVGVSAELH	120						
DB	61	INVGSFVNEEDNDNRSLKGPFSDSLRFQFHFHWSSTNEHSGEHTYDVGVSAELH	120						
QY	121	VAHNSAKYSSLAESAASADLAVIGVLMKKGKGNPKOKLADLQAKTKYGRAPFTNF	180						
DB	121	VAHNSAKYSSLAESAASADLAVIGVLMKKGKGNPKOKLADLQAKTKYGRAPFTNF	180						

DB 183 DPSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 242
 QY 241 MOHNNRPTOPLKGRTRASF 261
 DB 243 MOHNNRPTOPLKGRTRASF 263

RESULT 5

US-09-983-000A-26
 ; Sequence 26, Application US/09983000A
 ; Publication No. US20030118585A1
 ; GENERAL INFORMATION:
 ; APPLICANT: AGY Therapeutics
 ; APPLICANT: Melcher, Thorsten
 ; APPLICANT: Mueller, Sabine
 ; APPLICANT: Chin, Daniel
 ; TITLE OF INVENTION: USE OF PROTEIN BIOMOLECULAR TARGETS IN THE TREATMENT AND VISUALIZ
 ; FILE REFERENCE: 263/180 -- Peagleman -- AGY
 ; CURRENT APPLICATION NUMBER: US/09/983.000A
 ; CURRENT FILING DATE: 2001-10-17
 ; NUMBER OF SEQ ID NOS: 35
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 26
 ; LENGTH: 260
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: Gene
 ; LOCATION: (1)..(260)
 ; OTHER INFORMATION: Carbonic anhydrase domain of human carbonic anhydrase 1
 US-09-983-000A-26

Query Match 99.6%; Score 1385; DB 11; Length 260;
 Best Local Similarity 100.0%; Pred. No. 9.4e-138;
 Matches 260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ASPDMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKTHDTSLSKPISVSNPATAKEII 61
 DB 1 ASPDMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKTHDTSLSKPISVSNPATAKEII 60
 QY 62 NVGSHFVNFEDNDNRSVLKGPFSDSYRLFOFHFMGSTNEHSGSEHTVDGVKYSAEHLV 121
 DB 61 NVGSHFVNFEDNDNRSVLKGPFSDSYRLFOFHFMGSTNEHSGSEHTVDGVKYSAEHLV 120
 QY 122 AHMNSAKYSSSLAEASKADGLAVIGVLMKVGANPKLOKVLDALOAIKTGKRAPFTNFD 181
 DB 121 AHMNSAKYSSSLAEASKADGLAVIGVLMKVGANPKLOKVLDALOAIKTGKRAPFTNFD 180
 QY 182 PSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 241
 DB 181 PSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 240
 QY 242 MOHNNRPTOPLKGRTRASF 261
 DB 241 MOHNNRPTOPLKGRTRASF 260

RESULT 6

US-10-000-954-4
 ; Sequence 4, Application US/10000954
 ; Publication No. US20020127226A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schllessinger, Joseph
 ; APPLICANT: Barnea, Gilad
 ; APPLICANT: Grumet, Martin H.
 ; APPLICANT: Margolis, Richard U.
 ; TITLE OF INVENTION: A NEW CLASS OF REPRESSORS: THEIR
 ; STRUCTURAL DOMAINS AND LIGANDS
 ; NUMBER OF SEQUENCES: 13
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: PENNIE & EDMONDS

STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/000.954
 FILING DATE: 04-Dec-2001
 CLASSIFICATION: <unknown>

PRIORITY INFORMATION:

APPLICATION NUMBER: 09/644,293
 FILING DATE: 23-Aug-2000
 APPLICATION NUMBER: 08/081,929
 FILING DATE: <unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30742
 REFERENCE/DOCKET NUMBER: 7683-041-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212 790-9090
 TELEFAX: 212 869-8864/9741
 TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
 LENGTH: 260 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown

MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-10-000-954-4

Query Match 99.6%; Score 1385; DB 14; Length 260;
 Best Local Similarity 100.0%; Pred. No. 9.4e-138;
 Matches 260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ASPDMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKTHDTSLSKPISVSNPATAKEII 61
 DB 1 ASPDMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKTHDTSLSKPISVSNPATAKEII 60
 QY 62 NVGSHFVNFEDNDNRSVLKGPFSDSYRLFOFHFMGSTNEHSGSEHTVDGVKYSAEHLV 121
 DB 61 NVGSHFVNFEDNDNRSVLKGPFSDSYRLFOFHFMGSTNEHSGSEHTVDGVKYSAEHLV 120
 QY 122 AHMNSAKYSSSLAEASKADGLAVIGVLMKVGANPKLOKVLDALOAIKTGKRAPFTNFD 181
 DB 121 AHMNSAKYSSSLAEASKADGLAVIGVLMKVGANPKLOKVLDALOAIKTGKRAPFTNFD 180
 QY 182 PSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 241
 DB 181 PSTLLPSSLDFTWPGSLTHPPLYESVTWICKESISVSSEQLAOFRLSLNVEGDNAV 240
 QY 242 MOHNNRPTOPLKGRTRASF 261
 DB 241 MOHNNRPTOPLKGRTRASF 260

RESULT 7

US-10-000-954-5
 ; Sequence 5, Application US/10000954
 ; Publication No. US20020127226A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schllessinger, Joseph
 ; APPLICANT: Barnea, Gilad
 ; APPLICANT: Grumet, Martin H.
 ; APPLICANT: Margolis, Richard U.
 ; TITLE OF INVENTION: A NEW CLASS OF REPRESSORS: THEIR
 ; STRUCTURAL DOMAINS AND LIGANDS

```

: APPLICANT: INCYTE GENOMICS, INC.
: APPLICANT: THORNTON, Michael
: APPLICANT: RAMKUMAR, Jayalaxmi
: APPLICANT: TRIBOULEY, Catherine M.
: APPLICANT: YUE, Henry
: APPLICANT: NGUYEN, Daniel B.
: APPLICANT: YAO, Monique G.
: APPLICANT: PATTERSON, Chandra
: APPLICANT: GANDHI, Ameena R.
: APPLICANT: THANGAVELU, Kavitha
: APPLICANT: BAUGHN Mariah R.
: TITLE OF INVENTION: HUMAN LYSSES
: FILE REFERENCE: PI-0137 PCT
: CURRENT APPLICATION NUMBER: US/10/069,434
: PRIOR FILING DATE: 2002-02-20
: PRIOR APPLICATION NUMBER: 60/213,383; 60/215,544; 60/222,818
: PRIOR FILING DATE: 2000-06-23; 2000-06-30; 2000-08-04
: NUMBER OF SEQ ID NOS: 6
: SOFTWARE: PERL Program
: SEQ ID NO: 1
: LENGTH: 242
: TYPE: PRT
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc.feature
: OTHER INFORMATION: Incyte ID NO. US20030121061A1 6338333C01
US-10-069-434-1

Query Match          57.8%; Score 804; DB 15; Length 242;
Best Local Similarity 59.4%; Pred. NO. 1.8e-76;
Matches 142; Conservative 44; Mismatches 53; Indels 0; Gaps 0

QY      1 MASDDMGXDKNGCEQNSKLYPIANGNNQSPYDITSETKHDTSLKPIISVSNPATAKEL 60
DB      1 MSRLSWGKREHNGPIPHMKFEPPADGDQSPLEIKTKKVKYDSSLRPSIKXDPSSAKII 60
QY      61 INVGHSEFVNEEDNDNRSLVKGCFPSDSYRLFQFHFGNSFNEHSEHTVDJCKVSAELH 120
DB      61 SNSGHSFVNDPDDTRENKSVLKGCPLTGSLRQVYLHMGSDADHDSSEHIVDGVSYAELH 120
QY      121 VAHNSAKYSSLAEPASKADGLAVIGVLMKVGANPKLQKVLIDALQAIKTYGKRAPPTNF 180
DB      121 VVHNNSDKYPSFVCAAHPPDGLAVLGVLQICEPNSOQLKITDITLDSIKKKQKQTRPTNF 180
QY      181 DPSRLPSLDLFWTYPGSLTHPPLYESYTWIICKRSISVSSSEQLAOPSLISLNVEGDNA 239
DB      181 DLSLSLPSPWDWYTPGSLIYVPLLESYTWIIVLKOPINISSQOLAKKFRSLCTAAGEAA 239

RESULT 12
US-09-938-2708-1
: Sequence 1, Application US/099382708
: Patent No. US20020177241A1
: GENERAL INFORMATION:
: APPLICANT: Qianwei Shi
: TITLE OF INVENTION: Differential Immunoassay
: FILE REFERENCE: 1112-1-080N
: CURRENT APPLICATION NUMBER: US/09/938,2708
: CURRENT FILING DATE: 2001-08-23
: PRIOR APPLICATION NUMBER: US 60/227,536
: PRIOR FILING DATE: 2000-08-24
: PRIOR APPLICATION NUMBER: US 60/292,497
: PRIOR FILING DATE: 2001-05-21
: NUMBER OF SEQ ID NOS: 2
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO: 1
: LENGTH: 421
: TYPE: PRT
: ORGANISM: homosapien
US-09-938-2708-1

55.7%; Score 774.5; DB 10; Length 421;

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QY 245 NNRPTQPLKGRVTRASF 261
DB 242 NWRPQPINNRVTRASF 258

RESULT 15

US-10-000-954-9

Sequence 9, Application US/10000954
Publication No. US20020127226A1

GENERAL INFORMATION:

APPLICANT: Schlessinger, Joseph

Barnea, Gilad

Grumet, Martin H.

Margolis, Richard U.

TITLE OF INVENTION: A NEW CLASS OF RPTASES: THEIR
STRUCTURAL DOMAINS AND LIGANDS

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: PENNIE & EDMONDS

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/000,954

FILING DATE: 04-Dec-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/644,293

FILING DATE: 23-Aug-2000

APPLICATION NUMBER: 08/081,929

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30742

REFERENCE/DOCKET NUMBER: 7683-041-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212 790-9090

TELEFAX: 212 869-8864/9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 261 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-10-000-954-9

Query Match 51.7%; Score 718; DB 14; Length 261;
Best Local Similarity 51.4%; Pred. No. 2.4e-67;
Matches 132; Conservative 45; Mismatches 78; Indels 2; Gaps 2;

QY 6 WGYDDKNGP-EQWSKLYPIANGNNSPVDTSETKHDTSLKPIVSYNPATAKEIINVG 64
DB 5 WGYDDKNGP-EQWSKLYPIANGNNSPVDTSETKHDTSLKPIVSYNPATAKEIINVG 64
QY 65 HSFHVFEDNDNRSLVKGPFSDSYRLQFHFHMGSTNEHSGEHTVDGVKYSDELVAHW 124
DB 65 HSYOVDFNDSDDRTVTVGGPLEGPRYLKQFHFHMGKKHDVGSSEHTVDGKSPSELHLVHM 124
QY 125 NSAKYSSLAFAASKADGLAVYGVLMKVCANPKLQKYLDAIQAIKTKGRAPFTNFDPST 184
DB 125 NAKYSSLAFAASKADGLAVYGVLMKVCANPKLQKYLDAIQAIKTKGRAPFTNFDPST 184
QY 185 LLPSSLDFTWYFGSLTTPPLVSEVTWIIKESISVSSEQLAQFRSLLSNVEGDNAVPMQH 244

DB 184 LLPASRYHWTFYFGSLTTPPLSESVTWIVLREPLICISRKQMGKFRSLFTSDEDDERIMHVN 243
QY 245 NNRPTQPLKGRVTRASF 261
DB 244 NWRPQPINNRVTRASF 258

Search completed: September 23, 2003, 21:43:04
Job time : 520 secs

Best Local Similarity 54.5%; Pred. No. 5.2e-73;
Matches 140; Conservative 44; Mismatches 72; Indels 1; Gaps 1

[illegible]

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RESULT 13
US-09-983-000A-25
; Sequence 25, Application US/09983000A
; Publication No. US20030118585A1
; GENERAL INFORMATION:
; APPLICANT: AGY Therapeutics
; APPLICANT: Melcher, Thorsten
; APPLICANT: Mueller, Sabine
; APPLICANT: Chin, Daniel
; TITLE OF INVENTION: USE OF PROTEIN BIOMOLECULAR TARGETS IN THE TREATMENT AND VISUALIZATION OF BRAIN TUMORS
; FILE REFERENCE: 263/180 -- Peagleman
; CURRENT APPLICATION NUMBER: US/09/983,000A
; CURRENT FILING DATE: 2001-10-17
; NUMBER OF SEO ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEO ID NO 25
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: Gene
; LOCATION: (1)..(259)
; OTHER INFORMATION: Carbonic Anhydrase domain of human carbonic anhydrase III
US-09-983-000A-25

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Query Match	55.6%	Score 773.5	DB 11	Length 259
Best local Similarity	54.1%	Pred. No. 3.2e-73		
Matches 139	Conservative 45	Mismatches 72	Indels 1	Gaps 1
QY	5	DMGVDDKNGPEQMSKLYPIANGNNOQSPVDIKTSETKHDTSLEKPIYSVPNATAKEIINN	64	
Db	3	ENGVSASHNGPDHMEHLFPNAGKENGQSPIELTHTKDIRHDPSELQWVSYSYDGSKAKTILNNG	62	
QY	65	HSEFHNPFEDNDRSVLKGKGFSDSYRLPQRFHMHGSGTNEHSGHTYDGYKYSNELVAHM	124	
Db	63	KTCRKYVPFDITDRSKLKGKGLPGPYRLQRQFHLHMGSSDDHSGHTVDGYKVAEELVHM	122	
QY	125	NSAKYSLSLEAASRAKDLGAVIGVLMKKGGENPKQLQVLAQLAKTKGRAPFNFDPST	184	
Db	123	N-PKNTFKEKALKORDGIAGVIGIFLAKIGHNGEFOJFLDALDKIKTKGEAEPTFFDPS	181	
QY	185	LPLSSLDWPTPGSLTHPLPLYESVTWIKCEKISVSSEQLAQRSLLSNVBEDNAVPMQH	244	
Db	182	LFPACRDVWYTCGSTTPPCECECTWILLKEPMTVSSDDMAKRLSLSSAENEPEPVLS	241	
QY	245	NNRPLOPLKGRVRAASF	261	
	242	NNRPPOPINNRRVRAASF	258	

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      RESULT 14  
US-10-000-954-6.  
Sequence 6, Application US/10000954  
Publication No. US20020127226A1  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
Barnea, Gilad  
Grumet, Martin H.  
Margolis, Richard U.  
TITLE OF INVENTION: A NEW CLASS OF REPRESSORS: THEIR  
STRUCTURAL DOMAINS AND LIGANDS  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/000,954  
FILING DATE: 04-Dec-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/644,293  
FILING DATE: 23-Aug-2000  
APPLICATION NUMBER: 08/081,929  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30742  
REFERENCE/DOCKET NUMBER: 7683-041-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090  
TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 259 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-10-000-954-6
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Query Match Best Local Similarity 55.6%; Score 773.5; DB 14; Length 259;

Matches 139; Conservative 45; Mismatches 72; Indels 1; Gaps 14.

OY 5 DMCYDDXNGPEQWSKLYPIANGNNQSPVDIKTSEKHDTSLKPTISVYNPATAKEIIIVWG 64

DB 3 EMGVAASNGPDHMEHLPPNAKGENSEPTELTKDIRDPSLQPMVSYSVGDSAGNTILLNG 62

OY 65 HSFIIVNEEDNDNRSLVLGGCPSSDSXYRLFPFHFGSGTNEGHSERTVDCVKIISAELVAHW 124

DB 63 KTCVAVYTDITTYDRKMALRGPLPGPYRLRPHILMGSSDDHGSEHTVDGVKAAEIHIAWH 122

OY 125 NSAKYSSLAEASKADGLAVIGLVLMKVGEANPKLQKLVALDALQAIKTGKRAPFTNFDPST 184

DB 123 N-PKYNTFEKALKQRDIAGVIIGFLKIGHENGEGFOIFLDALDKIKTGKEAFPFKKFDPCSC 181

OY 185 LLPSLSDFEWFYYPSGLTHRPPLYESTVTWLICKESIYSVEQLAOFRLFLLSNVEGDAAVPRQH 244

DB 182 LFPAChRYWTYQGSSFTPPCBECLTWLLLEKPMTVSSDOMAKLRSLLSLNVEENEPVPVLS 241

RESULT 8
 US-09-981-353-117
 ; Sequence 117, Application US/09981353
 ; Patent No. US20020160382A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lasek, Amy M.
 ; APPLICANT: Jones, David A.
 TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER

[illegible]

OY 181 DPSTLLPSSLDFTWYTGSLTHPPLYESVTWIIICKESISVSSSEQLAOFRLSLSNVEGDNAV 240
181 DPSTLLPSSLDFTWYTGSLTHPPLYESVTWIIICKESISVSSSEQLAOFRLSLSNVEGDNAV 240
Db 241 PMOHNNRPTQPLKGRTRASF 261
241 PMOHNNRPTQPLKGRTRASF 261
Db 241 PMOHNNRPTQPLKGRTRASF 261

RESULT 2
US-09-981-353-80
Sequence 80, Application US/09981353
Patent No. US20020160382A1
GENERAL INFORMATION:
APPLICANT: Lasek, Amy W.
TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
FILE REFERENCE: PA-0038 US
CURRENT APPLICATION NUMBER: US/09/981,353
CURRENT FILING DATE: 2001-10-11
NUMBER OF SEQ ID NOS: 194
SOFTWARE: PERL Program
SEQ ID NO 80
LENGTH: 261
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020160382A1 2101663CD1
US-09-981-353-80

Query Match
Best Local Similarity 100.0%; Score 1390; DB 10; Length 261;
Matches 261; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 60
1 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 60
Db 1 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 60
OY 61 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 120
61 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 120
Db 61 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 120
OY 121 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 180
121 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 180
121 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 180
Db 181 DPSTLLPSSLDFTWYTGSLTHPPLYESVTWIIICKESISVSSSEQLAOFRLSLSNVEGDNAV 240
181 DPSTLLPSSLDFTWYTGSLTHPPLYESVTWIIICKESISVSSSEQLAOFRLSLSNVEGDNAV 240
OY 241 PMOHNNRPTQPLKGRTRASF 261
241 PMOHNNRPTQPLKGRTRASF 261
Db 241 PMOHNNRPTQPLKGRTRASF 261

RESULT 3
US-10-235-994-24
Sequence 24, Application US/10235994
Publication No. US20030101002A1
GENERAL INFORMATION:
APPLICANT: Bartha, Gabor
APPLICANT: Walker, Michael
TITLE OF INVENTION: METHODS FOR ANALYZING GENE EXPRESSION PATTERNS
FILE REFERENCE: ICYTP012
CURRENT APPLICATION NUMBER: US/10/235,994
CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: US/10/003,608
PRIOR FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: 60/245,081
PRIOR FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 30

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 24
LENGTH: 261
TYPE: PRT
ORGANISM: Human
US-10-235-994-24

Query Match
Best Local Similarity 100.0%; Score 1390; DB 15; Length 261;
Matches 261; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 60
1 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 60
Db 1 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 60
OY 61 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 120
61 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 120
Db 61 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 120
OY 121 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 180
121 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 180
121 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 180
Db 181 DPSTLLPSSLDFTWYTGSLTHPPLYESVTWIIICKESISVSSSEQLAOFRLSLSNVEGDNAV 240
181 DPSTLLPSSLDFTWYTGSLTHPPLYESVTWIIICKESISVSSSEQLAOFRLSLSNVEGDNAV 240
OY 241 PMOHNNRPTQPLKGRTRASF 261
241 PMOHNNRPTQPLKGRTRASF 261
Db 241 PMOHNNRPTQPLKGRTRASF 261

RESULT 4
US-10-106-698-4637
Sequence 4637, Application US/10106698
Publication No. US20030109690A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Pol.
FILE REFERENCE: PA005P1
CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US 60/157,137
PRIOR FILING DATE: 1999-09-29
PRIOR APPLICATION NUMBER: US 60/163,280
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: PatentIn Ver. 3.0
SEQ ID NO 4637
LENGTH: 263
TYPE: PRT
ORGANISM: Homo sapiens
US-10-106-698-4637

Query Match
Best Local Similarity 100.0%; Score 1390; DB 15; Length 263;
Matches 261; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 60
1 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 60
Db 3 MASPMGYDDKNGPEQMSKLYPIANGNNSPVDIKTSEKHTSLKPISVSNPATAKEI 62
OY 61 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 120
61 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 120
Db 63 INVGHSHVNFEDNDNRSLVKGPFSDSYRLFOFHFMGSTNEHSEHTVDGVKSALH 122
OY 121 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 180
121 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 180
123 VAHWNSSAKYSSLAESAASKADGLAVIGVLMKVGANPKLOKVLDAOLAIKTKGRAPFTNF 182
OY 181 DPSTLLPSSLDFTWYTGSLTHPPLYESVTWIIICKESISVSSSEQLAOFRLSLSNVEGDNAV 240
181 DPSTLLPSSLDFTWYTGSLTHPPLYESVTWIIICKESISVSSSEQLAOFRLSLSNVEGDNAV 240

RESULT 4
US-10-106-698-4637
Sequence 4637, Application US/10106698
Publication No. US20030109690A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypept
FILE REFERENCE: PA005P1
CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US 60/157,137
PRIOR FILING DATE: 1999-09-29
PRIOR APPLICATION NUMBER: US 60/163,280
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: PatentIn Ver. 3.0
SEQ ID NO 4637
LENGTH: 263
TYPE: PRT
ORGANISM: Homo sapiens
US-10-106-698-4637

Query Match 100.0%; Score 1390; DB 15; Length 263;
Best Local Similarity 100.0%; Pred. No 2.8e-138;
Matches 261; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MASPDMGYYDDKNGPEQWMSKLYPIANGNNGSPVDIKTSSTKKHDTSLKPIISVSNPATAKEI 60
DB 3 MASPDMGYYDDKNGPEQWMSKLYPIANGNNGSPVDIKTSSTKKHDTSLKPIISVSNPATAKEI 62
QY 61 INVGHSFHVNFEDNDNRSVLKGPGPSSDYSYRLFOFHFWMGSTNEHGSEHTVDGVKYSMLH 120
DB 63 INVGHSFHVNFEDNDNRSVLKGPGPSSDYSYRLFOFHFWMGSTNEHGSEHTVDGVKYSMLH 122
QY 121 VAHWNNAKYSLSLAASAKADGLAVIGVLKMKVGEANPKLOKVDALOLAIIKTKGKRAPFTNF 180
DB 123 VAHWNNAKYSLSLAASAKADGLAVIGVLKMKVGEANPKLOKVDALOLAIIKTKGKRAPFTNF 182
QY 181 DPSTLLPSSSLDFWYTPGSLTHPPPLYESVTVIICKESISVSSSEOLAQFRSLLSNVEGDNAV 240

DB 183 DPSTLLPSSSLDFWYTPGSLTHPPPLYESVTVIICKESISVSSSEOLAQFRSLLSNVEGDNAV 242
QY 241 PMOHNNRPPTQPLKGRTVRAS 261
DB 243 PMOHNNRPPTQPLKGRTVRAS 263

RESULT 5

US-09-983-000A-26